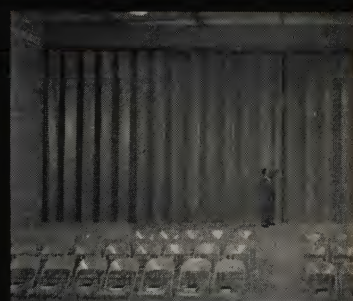
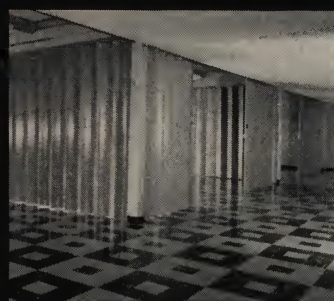
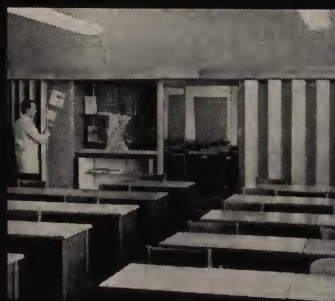


WACO TRANSWALL

folding partitions



TRANSWALL COATED PRODUCTS

division of **WACO** *Manufacturing Company*

3565 Wooddale Avenue
Minneapolis 16, Minnesota

WACO TRANSWALL

THE FOLDING PARTITION WITH A HUNDRED USES

used in

aircraft hangars
apartment buildings
auditoriums
cafeterias
churches
concession stands
dormitories
gymnasiums
homes
hospitals
hotels
industrial plants
laboratories
motels
offices
restaurants
schools
showrooms
stores
studios
warehouses
workshops

used for

backdrops
doors
enclosures
noise barriers
partitions
photographers' curtains
room dividers
noise barriers
security areas
stage curtains
testing areas
welding curtains

approved by

architects
builders
fire departments
users

TransWall: what it is . . .

TransWall is a different kind of folding partition, so simple in concept and design that it is easily the most economical in its field . . . a folding partition which offers resistance to fire, a dependable noise barrier, draft control, and other advantages equal—often superior—to other types of folding partitions.

TransWall is made of a sound absorbent sheet of sturdy fabric impregnated and coated with a selected fire-resistant vinyl plastic, available in a variety of colors and finishes. The fabric itself forms the hinges, eliminating internal rods and stays, pantograph designs, and other heavy hardware. There is no internal mechanism to get out of order.

Super TransWall, too . . .

For higher, wider enclosures—for areas that are too large to permit use of other, ordinary types of folding partitions, there is Super TransWall illustrated and described on page 8.

features and advantages

saves space

TransWall retracts into 11/8" of space for each 12" of extended width, plus 21/2" for the end post. Compare for compactness!

saves money

Simple design and the absence of internal mechanisms cut cost as much as 40 per cent below that of other types of folding partitions. Installation costs are minimum, too. Durability of materials and simple construction make maintenance and repair costs virtually nothing.

makes floor space more useful

Large areas can be subdivided into smaller rooms for multiple activities. Costly new construction or alteration is avoided.

operates easily, silently

At finger tip pressure, TransWall moves silently on nylon rollers.

light weight

TransWall weighs substantially less than other folding partitions of comparable size, although the plastic-covered TransWall panels are approximately three times as heavy, per square foot, as the covering fabric on other types. There are no heavy wooden or metal parts in TransWall—the weight is in the fabric, where it's needed.

wide size range

TransWall is available for openings up to 14 feet high and any width. Please refer to our Super TransWall Partitions for larger openings.

proved fire resistance

TransWall is fire safe, as proved by tests of the Boston (Mass.) Fire Department, whose tests are among the toughest in the country.

easy to clean

You can wash TransWall with any mild detergent or mineral spirits.

Sunday School classrooms
in a church basement



High school auditorium with
TransWall stage curtain



design and construction

TransWall is designed for strength, simplicity, beauty, and long life. It is built with unfailing adherence to the high standards which have made the Waco name a synonym for dependable quality.

trouble-free long-lasting hinges

The hinges between the $7\frac{3}{8}$ " wide vertical panels are made by scoring the plastic coating. These hinges have been tested to fold more than a hundred thousand times without deterioration—far beyond the requirements they'll meet in actual use.



simple suspension

TransWall partitions are suspended on silent-running, long-wearing nylon rollers moving in a rigid steel channel track. Formed double plates, connected with sturdy hinge pins, are riveted with the sound absorbent fabric between them. Top hardware and fabric form a continuous hinged assembly.



curved track

Curved track can be furnished to meet the needs of any TransWall installation. The standard curve has a 30" radius, but track with a radius of 24" or 36" is available from stock. TransWall operates equally well on straight or curved track.

rolling multiple-meeting posts

Where two or more enclosures with common walls are established, multiple meeting posts are furnished.

optional mounting

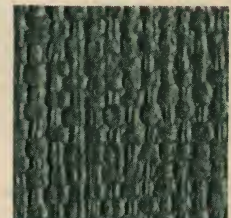
TransWall can be mounted to a ceiling surface or on tracks recessed in a ceiling. Track can also be installed below ceiling level from wall to wall, from wall to post, in doorways, as backdrops on walls, or on its own mounting posts when island construction is desired.



patterns and colors

TransWall offers beauty as well as utility. It is available with both sides smooth or in a pleasing textured pattern.

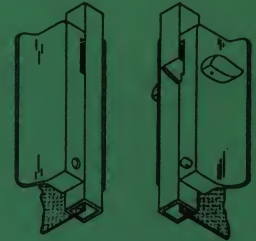
Three decorator colors in grey, green, brown, are standard. Consult the manufacturer for any special color requirements.



Careful selection of every material, modern production techniques, rigid inspection, and able workmanship combine to make TransWall a wise choice for any building where folding partitions can be used to advantage.

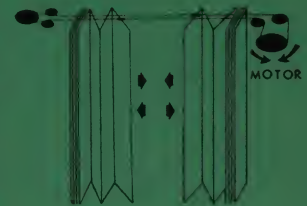
latches

Simple, sturdy latches are available for all TransWall installations, in two-piece units as shown or for standard jamb latching. TransWall latches can be furnished with standard cylinder locks operated by a key.



cable operator

A silent cable operator is available for one-point control. This is particularly useful with stage curtain and similar installations—but there are Super TransWalls as large as 24' high and 60' wide being used every day without need of a cable operator. Cable operators, when installed, can be manually or electrically controlled.



special switches

TransWall can be extended in any direction for which tracks have been provided—or stacked flat against a wall when not in use.

Available special switches include:

Glide switch—shunts TransWall from one track to another running in any direction.

Crossover switch—permits TransWall to cross a track installed at 90°.

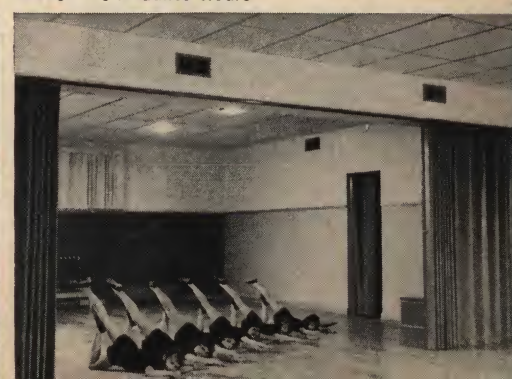
Pivot switch—permits TransWall to pivot through 90° angle.

Stacking switch—permits TransWall partitions to be stacked in sections.

TransWall is both backdrop and room divider for photographer

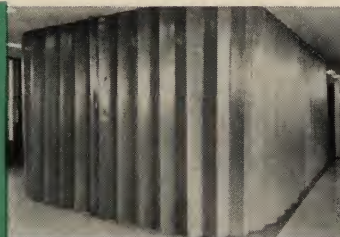
TransWall separates work areas in this aircraft factory

TransWall permits several classes at one time in dance studio





in a hospital In this Spokane (Wash.) hospital, needed bed space was created by the use of TransWall, at a cost far less than that of conventional construction. Elimination of a conventional swinging door permitted utilization of every square inch.



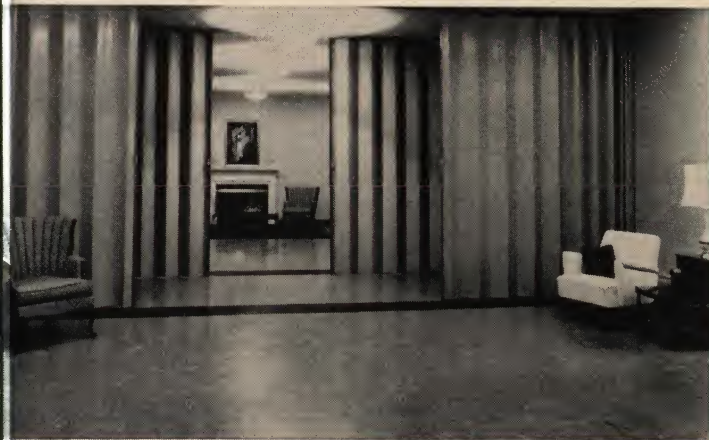
in an airport terminal In this airport terminal at Moline, Illinois, TransWall is used to enclose this concession stand. Outside business hours the fixtures, merchandise, and cash register are protected by the sturdy TransWall enclosure.



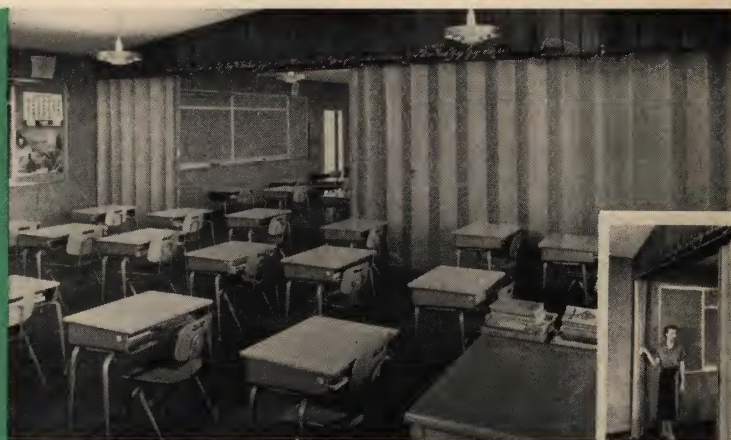
in a technical college The fire-safe properties of TransWall are utilized at North Dakota State Agricultural College, where TransWall partitions are used to separate electric welding units and the students operating them.



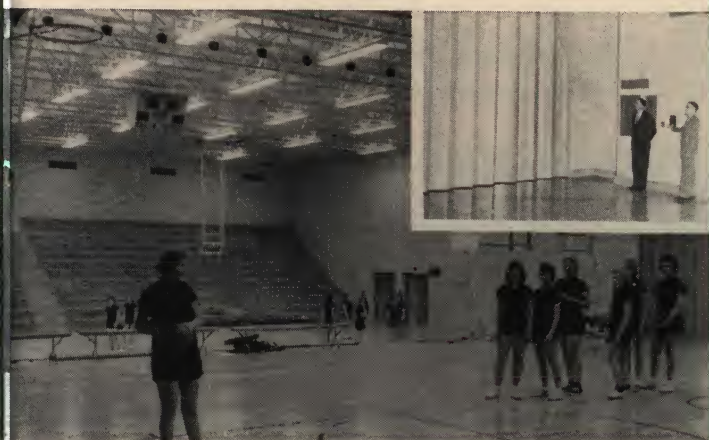
in a cafeteria In this factory cafeteria, TransWall was used to divide dining area from service counters. With TransWall retracted, there is direct access from counters to tables. Extended, TransWall makes area available for other uses.



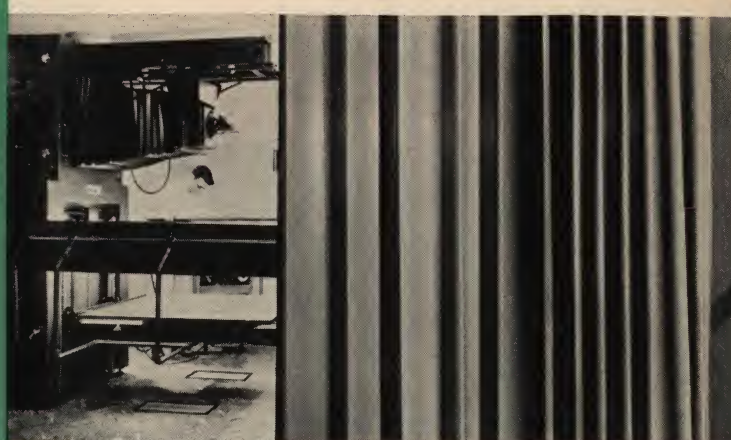
in a church In this church at Cheviot, Ohio, a dual TransWall installation permits use of the social hall for two simultaneous meetings, with direct access to each from outside. Area between the TransWall partitions becomes a corridor.



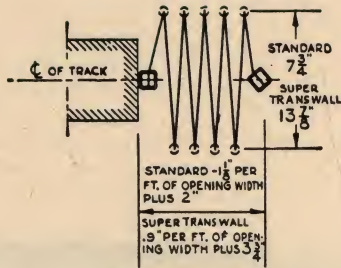
in a school TransWall made additional class room space easily and inexpensively available in this school at Phoenix, Arizona. The remarkably good noise barrier properties of TransWall afford protection to each class.



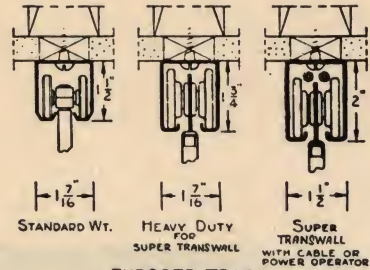
in a gymnasium Gymnasiums are often multi-purpose rooms, and easily retractable partitions are urgently needed. Super TransWall solved the partition problem for this Wisconsin high school. Operation is remotely controlled (inset).



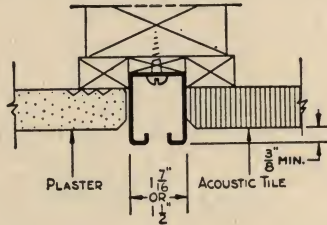
in a photo studio The wide variety of work which falls to an industrial photographer's lot requires unusual versatility in studio arrangement. This firm solved that problem easily, quickly, and economically with a TransWall installation.



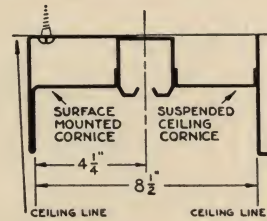
STACK SPACE



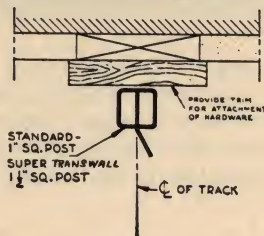
EXPOSED TRACK
(PLASTER GROUND NOT BY WACO)



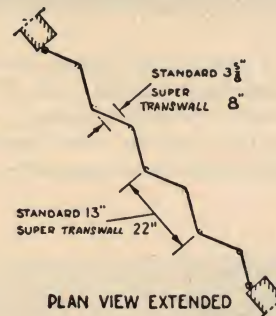
RECESSED TRACK
(FURRING STRIPS AND PLASTER CASING NOT BY WACO)



ONE-PIECE STEEL CORNICE



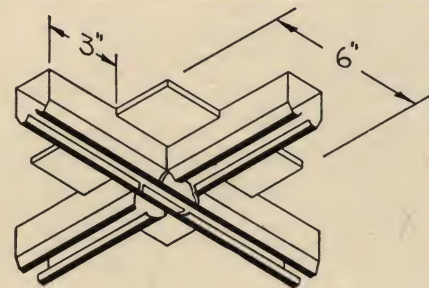
EXPOSED JAMB
(WOOD TRIM AND PLASTER GROUND NOT BY WACO)



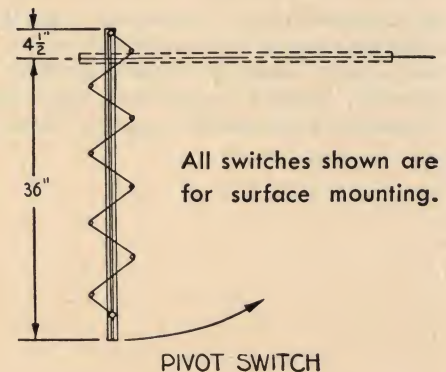
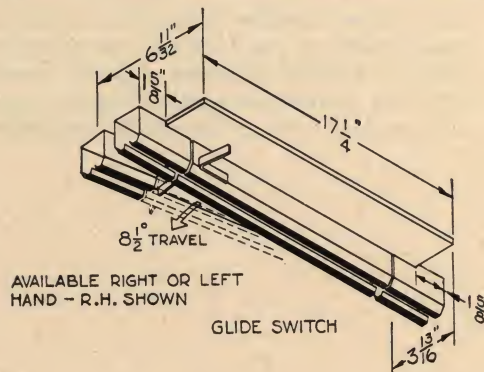
PLAN VIEW EXTENDED



ACCESSORIES



CROSSOVER SWITCH



All switches shown are for surface mounting.

PIVOT SWITCH

Installation Method

Installation of TransWall is simple and inexpensive.

For direct ceiling installation, the track is fastened with wood screws, toggle bolts, or other fastenings sufficient to support an average weight of one pound per square foot of opening. The end fastenings must, however, be strong enough to hold the full weight of the TransWall when it is retracted. Where more than one track section is used, the track must, of course, be properly aligned.

The roller carriers are assembled in the partition, and the partition is hung on the track. When the roller carriers are lubricated and all hardware and track sections are tight, the installation is complete.

TransWall folding partitions have the unique advantage that they can be trimmed to match the contour of an uneven floor, if they are carefully marked or scribed before cutting.

Precise installation instructions are furnished with each TransWall unit. We recommend, however, that the job be done by an authorized TransWall representative, whose experience and knowledge assure satisfaction and easy, efficient installation at minimum cost.

Suggested Specifications

general

Folding partitions shall be furnished and installed as shown on drawings.

material

Folding partitions shall consist of a single layer of plastic-coated, laminated fabric coated on both sides to a minimum total weight of 72 ounces per square yard and scored to form folding panels of equal width. Fabric panels shall be supported at the top to form a folding partition substantially free of wrinkles or puckers. Fabric shall be

coated with flexible, flame resistant vinyl and sealed where necessary to form an inconspicuous seam.

Fabric color and surface texture shall be as selected and approved by the architect.

The partition shall be capable of being trimmed by a simple scribing and cutting operation to compensate for any unevenness of floors. Otherwise, manufacturer shall provide $\frac{3}{8}$ inch clearance.

All are manufactured and furnished under the trade name TransWall by Transwall Coated Products, a division of Waco Manufacturing Company of Minneapolis, Minnesota.

hardware

Top or supporting plates, tracks, and end posts shall have a rust-resistant phosphate coat, with an exterior coating of a color harmonious with the color of the fabric. Provision shall be made in manufacture for equispacing the folds when partition or door is fully retracted.

Partitions shall be top supported without auxiliary floor track by means of roller carriers, with a minimum of one double wheel carrier for each full fold. Wheels shall be of molded nylon and run in heavy gauge steel track.

Latching shall be provided as indicated, with satin finish rustproof handles. Where latching is specified, provision shall be made for anchoring the fixed end post.

dimensions

The stacking or retracted width of the door shall not exceed $1\frac{1}{8}$ inches per foot of extended width, plus $2\frac{1}{2}$ inches for end posts. Retracted thickness of the door shall not exceed $7\frac{7}{8}$ inches.

guarantee

The manufacturer shall guarantee partition or partitions for one (1) year against defects of material or workmanship.

These are only a few of the people who use TransWall

Alhambra School
Phoenix, Ariz.

**Argonne National
Laboratory**
Lemont, Ill.

Barron High School
Barron, Wis.

Bell Aircraft Corp.
Buffalo, N. Y.

Benson County Ag. School
Maddock, N. D.

Bronx Municipal Hospital
New York, N. Y.

Bryan Memorial Hospital
Durant, Okla.

Central Mold & Mach. Co.
Akron, Ohio

**Clemson College Baptist
Church**
Clemson, S. C.

Department of Mines
Ottawa, Ontario

Douglas Lodge
Lake Itaska, Minn.

Dow Chemical Co.
Denver, Colo.

Electrochemical Co.
Niagara Falls, N. Y.

Fitchburg Teachers College
Fitchburg, Mass.

Foster High School
Blackstone, Va.

Hamline University
St. Paul, Minn.

Howe Military Academy
Howe, Ind.

International Shoe Co.
St. Louis, Mo.

**Arthur Knapp School of
Dancing**
Milwaukee, Wis.

**Massachusetts Institute of
Technology**
Cambridge, Mass.

**National Reactor Testing
Station**
Idaho Falls, Idaho

**New Jersey Bell Telephone
Co.**
Collingswood, N. J.

Ozark Air Lines
Milwaukee, Wis.

Quincy Senior High School
Quincy, Ill.

Riverside Women's Club
Riverside, Calif.

**St. Mary's Russian
Orthodox School**
Minneapolis, Minn.

**Scott Farrar Home for the
Aged**
Peterboro, N. H.

Texas Christian University
Houston, Texas

Troy Motel
Troy, Alabama

United Air Lines
Denver, Colo.

U. S. Army
Fort Snelling, Minn.

U. S. Naval Air Station
Alameda, Calif.

**U. S. Naval Torpedo
Station**
Keyport, Wash.

**U. S. Marine Corps
Supply Center**
Barstow, Calif.

University of Chicago
Chicago, Ill.

**Young Men's
Christian Assn.**
Bedford, Ohio

WACO SUPER TRANSWALL

for high, wide enclosures

If the opening you wish to enclose seems too high and too wide for a truly efficient folding partition, you need Super TransWall. Super TransWall is the folding partition specially designed and engineered for higher, wider openings—like that shown at the right!

Super TransWall is made of the same sturdy, attractive sound absorbent fabric used in TransWall. It operates easily and silently on ball bearing carriers with double ball bearing rollers. Super TransWall moves so smoothly that even the largest unit can be extended or retracted with finger pressure.

Super TransWall folds back into a depth of little more than one inch per foot of extended width and a thickness of no more than 14 inches.

Standard switches are available. Consult manufacturer.

Consider these other Super TransWall advantages:

- Effective sound barrier
- Economical maintenance
- Easy installation
- Lightweight, yet durable
- Simple, trouble-free design
- Highly resistant to fire
- Choice of manual or electric power unit open and closing.
- Low cost. Super TransWall costs up to 40 per cent less than other types of folding partitions adequate for the same jobs.



Double ball bearing rollers glide easily in overhead channel track carrier mounted firmly in steel headplates which grip sound absorbent fabric sheet.



Nationwide Distribution and Installation

TransWall and Super TransWall can be furnished and installed through a nationwide network of factory representatives and distributors. Ask the Minneapolis office for the name and address of our nearest representative and your local distributor. We are happy to help you solve your enclosure problems.

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INTERNATIONAL
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